Shaikh, Taimur

From: Shaikh, Taimur
Sent: Wednesday, June 20, 2018 9:38 AM
To: Wooster, Richard
Subject: FW: IRW Model Scenario Training
Attachments: ATT00001.txt

FYI

Taimur A. Shaikh, Ph.D.

Assessment, Listing, and TMDL Section (6WQ-PT)
Water Division | EPA Region 6

From: Shanon Phillips [mailto:Shanon.Phillips@Conservation.ok.gov]
Sent: Tuesday, June 19, 2018 3:46 PM
To: Shaikh, Taimur
Subject: RE: IRW Model Scenario Training

Taim

I hope things are going well.

Sadly I wont be able to attend the model training meeting, but Greg will be there and we're bringing a relatively new employee who is doing some modeling for us in an NRCS project. He will probably work with us to target BMPs in future IRW work as well.

I've been searching through my notes from the last meeting, and I evidently did not take very good notes. Can you give me a ballpark estimate of the total P load in the baseline watershed scenario? I know we need to reduce by about 90%, but I didn't write down what that 2009 baseline was. I thought you showed us, but I haven't easily found it in the model files and its not in the powerpoints you sent us. Maybe I dreamed about seeing it…

The Arkansas River compact commission shows loading of about 60,000 kg/yr in the 2009 time period, but that is based on baseflow numbers… I was thinking it was about 120,000kg/yr or 139K, but 83K is also sticking in my head. Anyway, I have no idea.

Anyway, I'm trying to compare the load reduction goal with some estimated reductions we have from a project in the watershed that happened after the baseline. i.e. would we need to do that project 100 fold or ten fold in order to get close to the reductions we need to see, or are we barking up the wrong tree.

Thanks!

Shanon

From: Shaikh, Taimur <Shaikh.Taimur@epa.gov>
Sent: Thursday, June 14, 2018 1:28 PM
To: Chris Adams <Chris.Adams@owrb.ok.gov>; David Akakpo <david.akakpo@deq.ok.gov>; 'Bill Cauthron'

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Cc: Wooster, Richard <Wooster.Richard@epa.gov>; Dwyer, Stacey <Dwyer.Stacey@epa.gov>; Garcia, David <Garcia.David@epa.gov>
Subject: IRW Model Scenario Training

Good afternoon,

Having reached a milestone in model development, we are eager to present hands on training in the practical use of the watershed model as soon as possible. In an effort to meet that goal, we've identified the earliest opportunity to have the watershed modeling (HSPEXP+) scenario training as Monday afternoon, July 9, through Wednesday morning, July 11, in West Siloam Springs, OK, at the Cherokee Hotel. Please make every effort to be available for these dates, but do let us know as soon as possible of conflicts, so that we might be able to arrange additional sessions for those who cannot attend the scheduled dates.

A draft agenda for the training follows:

	Topic	Presenter
July 9		
1:00 PM	Welcome	Wooster
1:15 PM	Intro to BASINS, HSPF and IRW Project	Shaikh
2:30 PM	Break	
2:45 PM	Intro to HSPEXP+	Shaikh
3:30PM	Hands on – Load Spec File in HSPEXP+	All
4:30 PM	Wrap Up	Wooster
July 10		
8:30 AM	Spec File Format, Reaches and Sub-watersheds	Shaikh
9:45 AM	Break	
10:00AM	Output and Analysis	Shaikh
12:00PM	Lunch	
1:30 PM	Hands on - Modify Your Own Spec File	All
2:30 PM	Break	
2:45 PM	Hands on - Output Analysis	All
4:30 PM	Wrap Up	Wooster
July 11		
8:30 AM	Review and Check Set Up	Shaikh
9:00 AM	Open Time/Run Time	All
9:15 AM		
11:00 AM		
11:15 AM	Wrap Up and Close	Wooster

Please bring your laptop with the software shared previously at the last Technical Workgroup meeting. A significant amount of time will be dedicated to working on personal model analyses.

Thanks so much.

Taim.

Taimur A. Shaikh, Ph.D.

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